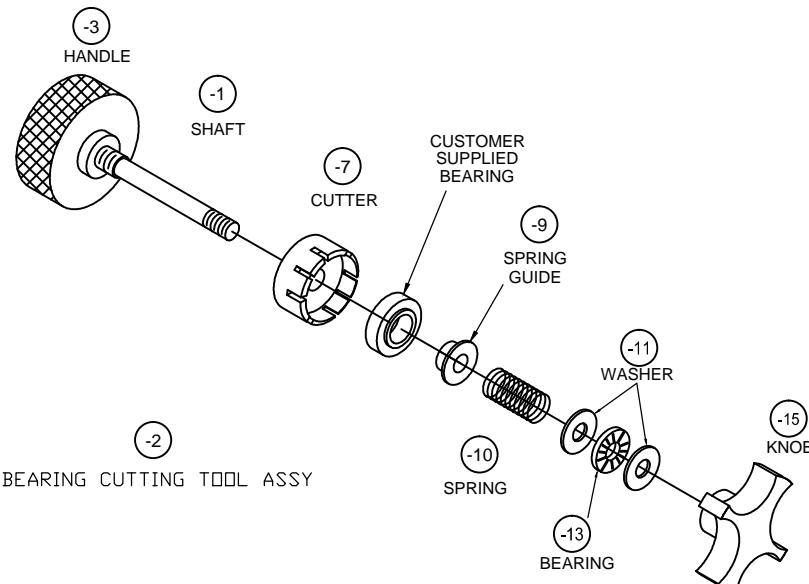
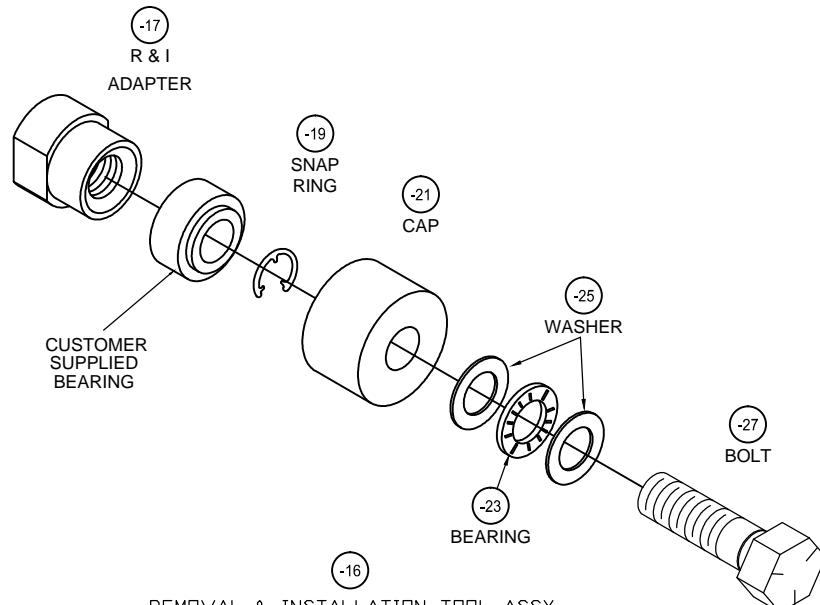


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REVISIONS		DATE	INITIAL	APPROVED
REV	DESCRIPTION			
1	-7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.	2/19/04		
2	CH'D -27 GROOVE FOR RETAINING RING.	9/21/06		
3	CH'D -7 PREGRIND TOLERANCE FROM .910 +.005 -.002.	1/2/08	WP	G.E.
4	ADDED AN 8° HOOK TO CUTTING TEETH, WAS STRAIGHT WITH NO HOOK.	1/29/08	WP	DW
4A	CH'D TITLEBLOCK & REVISION BLOCK, CORRECTED VIEWS & LABELED ALL SECTION VIEWS, ADDED DETAIL A P/N -1 TO CLARIFY TAPER.	9/29/09	RJC	RW
4B	CH'D -17 REMOVED Ø.700 DIMENSION.	5/10/13	CFS	GE



BEARING CUTTING TOOL ASSY



REMOVAL & INSTALLATION TOOL ASSY

NOTE:

BEARING #206-033-509-3, Y-27352-1-1, ASTRO-NHBY6V17

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
1			-1		SHAFT	STRESS PROOF	Ø3/4 x 4	2
X			-2	1	BEARING CUTTER TOOL ASSY			1
1			-3		HANDLE	6061 T6	Ø2 x 3/4	2
1			-7		CUTTER	01	Ø1 x 5/8	3
1			-9		SPRING GUIDE	STRESS PROOF	Ø5/8 x 5/16	3
1	B/O	-10			SPRING	-	5/16 x 2 (EUGENE FASTNER #16)	1
2	B/O	-11			WASHER	-	TRA-411 (APPLIED INDUSTRIAL)	1
1	B/O	-13			BEARING	-	NTA-411 (APPLIED INDUSTRIAL)	1
1	B/O	-15			KNOB	-	DK-54 (REID TOOL)	1
X			-16	1	REMOVAL & INSTALLATION TOOL ASSY			1
1			-17		R&I ADAPTER	STRESS PROOF	Ø1 x 1-1/4	4
1	B/O	-19			RETAINING RING	-	Ø3/8 EXTERNAL E-37	1
1			-21		CAP	6061 T6	Ø1-1/4 x 1	4
1	B/O	-23			BEARING	-	NTA-613 (APPLIED INDUSTRIAL)	1
2	B/O	-25			WASHER	-	TRA-613 (APPLIED INDUSTRIAL)	1
1			-27		BOLT	GRADE 5	3/8-24 UNF x 2-3/4 MODIFY	4
ASSY -16	ASSY -2							

RB RED BARN MACHINE

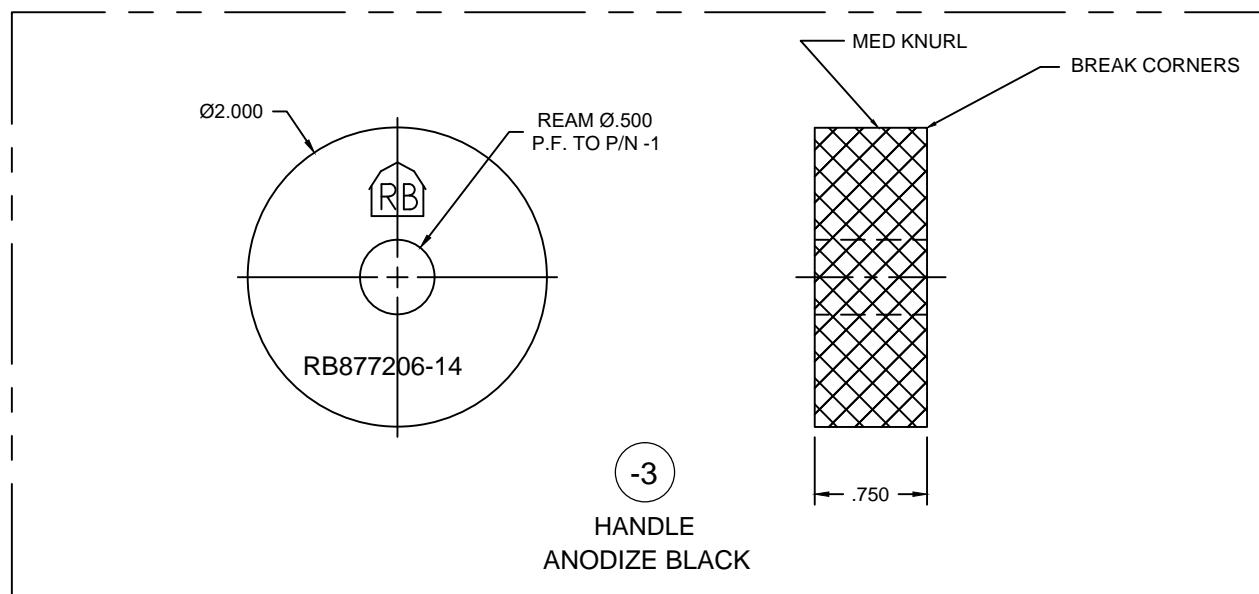
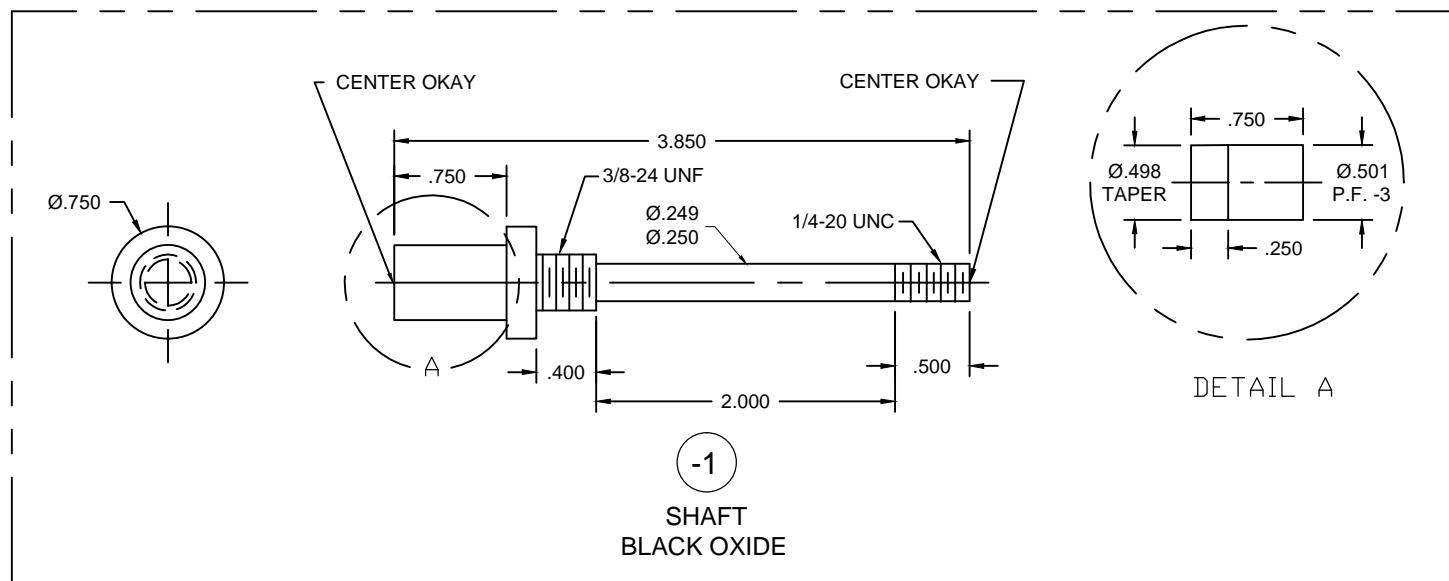
TITLE BEARING CUTTER

DWG NO.	RB877206-14	REV 4B
UNLESS OTHERWISE SPECIFIED	DRAWN BY: CDE	
DIMENSIONS ARE IN INCHES	APPROVED	
TOLERANCES ON: DECMALS	HEAT TREAT	
XXX ± .005	FINISH SPEC	
XX ± .01	ANGLES ± 5°	
X ± .1		USED ON MODEL
		BELL
UNLESS OTHERWISE SPECIFIED		
1. BREAK ALL SHARP EDGES		
.015 x 45° PR.015 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		

SCALE NTS DATE 6-28-01 SHEET 1 of 4

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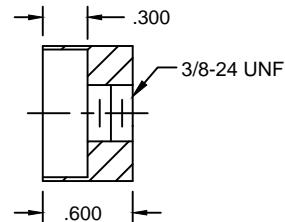
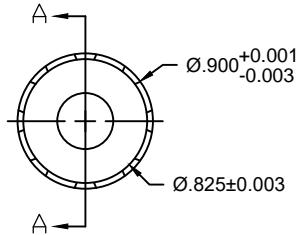
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
4A	CH'D TITLEBLOCK & REVISION BLOCK, CORRECTED VIEWS & LABELED ALL SECTION VIEWS, ADDED DETAIL A P/N -1 TO CLARIFY TAPER.	9/29/09	RJC	RW



TITLE		RED BARN MACHINE	
BEARING CUTTER			
DWG NO.	RB877206-14-1 & -3		REV 4B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1		APPROVED	
FRACTIONS ± 1/32 ANGLES ± 5°		HEAT TREAT FINISH SPEC	SEE PART
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 X 45° PR. 0.15 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL BELL	
SCALE	NTS	DATE	6-28-01
		SHEET	2 of 4

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REVISIONS			DATE	INITIAL	APPROVED
REV	DESCRIPTION				
1	-7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.		2/19/04		
3	CH'D -7 PREGRIND TOLERANCE FROM .910 +.005 -.002.		1/2/08	WP	G.E.
4	ADDED AN 8° HOOK TO CUTTING TEETH, WAS STRAIGHT WITH NO HOOK.		1/29/08	WP	DW

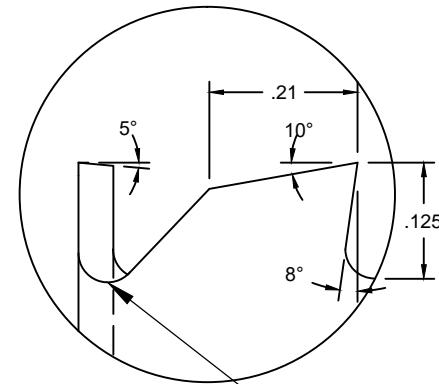


SECTION A-A

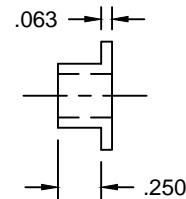
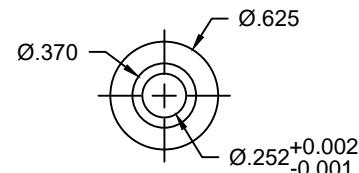
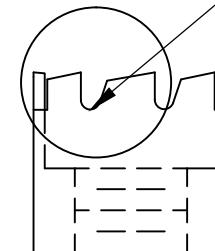
MACHINE TO .920 +.005
GRIND TO SIZE
AFTER HEAT TREAT

-7

CUTTER
8 TEETH
HEAT TREAT: 50-60 Rc
NO OXIDE COATING



ROUND
GULLET
OKAY



-9
SPRING GUIDE
BLACK OXIDE

RB RED BARN MACHINE
TITLE BEARING CUTTER

DWG NO. RB877206-14-7 & -9 REV 4B

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:

DECIMALS XXX ± .005 FRACTIONS ± 1/32
XX ± .01 ANGLES ± 5°
X ± .1

DRAWN BY: COLE

APPROVED

HEAT TREAT SEE PART

FINISH SPEC SEE PART

USED ON MODEL

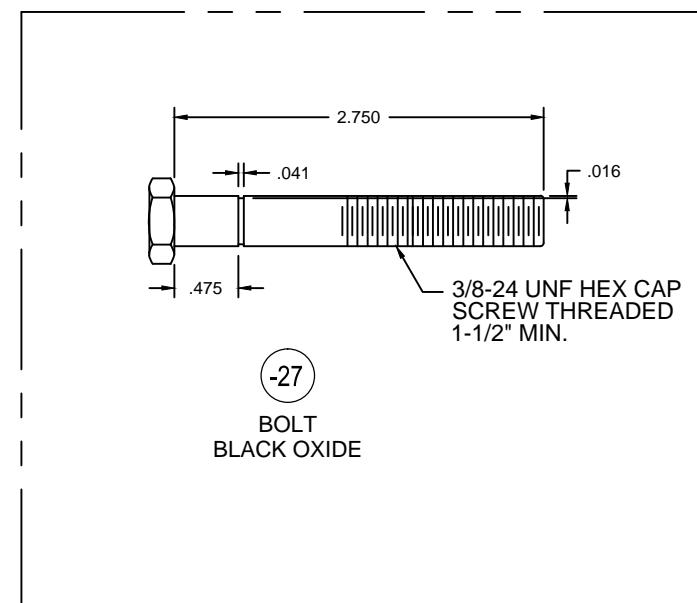
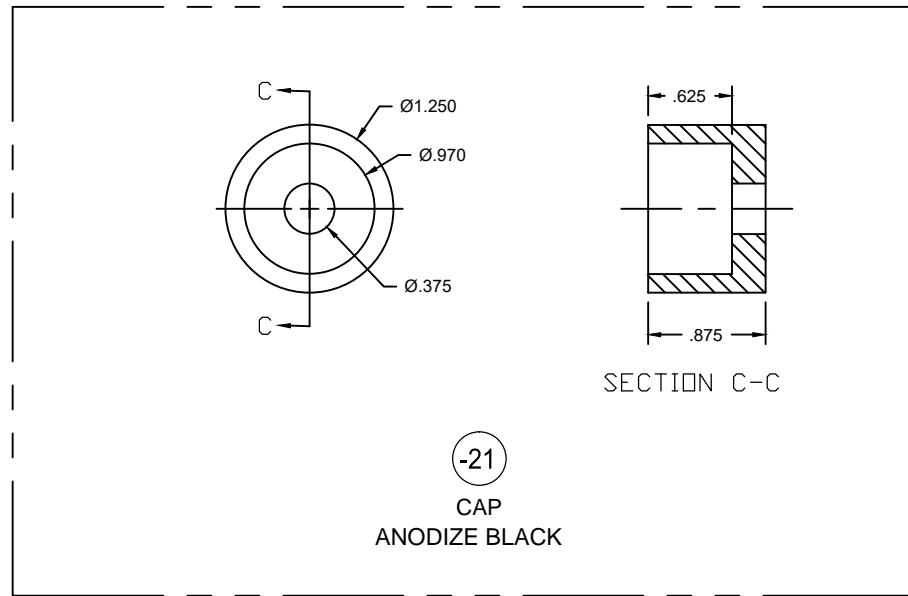
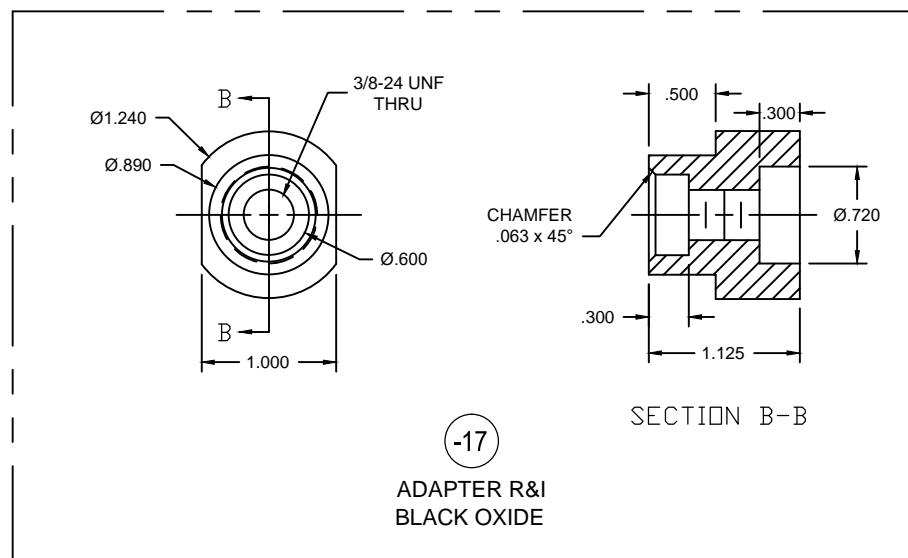
BELL

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR.015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE NTS DATE 6-28-01 SHEET 3 of 4

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
2	CH'D -27 GROOVE FOR RETAINING RING.	9/21/06	
4B	CH'D -17 REMOVED Ø.700 DIMENSION.	5/10/13	CFS GE



RB RED BARN MACHINE	
TITLE BEARING CUTTER	
DWG NO. RB877206-14-17 thru -27 REV 4B	
UNLESS OTHERWISE SPECIFIED DRAWN BY: COLE	
DIMENSIONS ARE IN INCHES APPROVED	
TOLERANCES ON: HEAT TREAT	
DECIMALS XXX ± .005	FRACTIONS ± 1/32
XX ± .01	ANGLES ± .5°
X ± .1	
UNLESS OTHERWISE SPECIFIED SEE PART USED ON MODEL	
1. BREAK ALL SHARP EDGES .015 x 45° PR.015 R BELL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 6-28-01
SHEET 4 of 4	